

Abstract

Apparatus for manufacturing molded products with an EMI/RFI/ESD shield. The apparatus includes shaping apparatus for automatically shaping a mesh blank into a mesh insert on a fixture, and a robot for removing the insert from the fixture and placing it in a molding machine in preparation for molding the insert into a molded product. Also disclosed is a method for manufacturing molded products involving the steps of automatically forming the blank into a mesh insert and automatically transferring the insert to a molding machine using a robot. A holding tool may be provided for the robot to use in transferring the insert to the molding machine.